PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are requi	red to respo	nd to a collection of	information unless it of	displays a valid OMB control	number.			
UTILITY	Attorney D	ocket No.	500.42889X00					
PATENT APPLICATION	First Inven	tor	TSUCHIYAMA, R	vuii				
TRANSMITTAL	Title	MAGNETIC HE		AND MAGNETIC DISC UNIT				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express M	ail Label No						
APPLICATION ELEMENTS	· · · · · · · · · · · · · · · · · · ·	ADDRESS	TO: Box Patent Ap		U.S.			
SEE MPEP chapter 600 concerning utility patent application co	ontents.		Washington, I	DC 20231				
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status.		Com 8. Nucleotide	ROM or CD-R in duplic puter Program (Appen and/or Amino Acid Sec e, all necessary)	dix)	2,90			
See 37 CFR 1.27.	See 37 CFR 1.27. a. Computer Readable Form (C							
3. Specification [Total Pages: 33] [preferred arrangement set forth below)	i		CD-ROM or CD-R					
 Descriptive title of the invention Cross Reference to Related Applications 			paper	(2 copies), di				
 Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix 	-Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix c. Statements verifying identity of above copies							
-Background of the Invention		40	COMPANYING AP	PLICATION PARTS				
-Brief Summary of the Invention -Brief Description of the Drawings (if filed)		AC	COMPANTING AF	PLICATION PARTS				
-Detailed Description		9. Assid	nment Panore /cover	sheet & documents(s))				
-Claim(s) -Abstract of the Disclosure			FR 3.73(b) Statement	Power of Attorney				
4. Drawing(s) (35 U.S.C. 113) [Total Pages: 18]		(whe	n there is an assignee, sh Translation Docum)				
5. Oath or Declaration [Total Pages: 5]			mation Disclosure	Copies of IDS Cita	tions			
a Newly executed (original or copy)		State	ement (IDS)/PTO-1449)			
b. L. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)			minary Amendment					
			rn Receipt Postcard (M					
i. DELETION OF INVENTOR(S)		(Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)						
Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR	1							
1.63(d)(2) and 1.33(b)	16. Nonpublication Request under 35 U.S.C. 122							
6. Application Data Sheet. See 37 CFR 1.76		or its)(B)(i). Applicant must equivalent.	attach form PTO/SB/35				
		17. Other: Figs. 1-20, Credit Card Payment Form, Information Disclosure Sheet Under 37 CFR 1.56 w/refs.						
18. If a CONTINUING APPLICATION, check appropriate box,	and sunn							
or in an Application Data Sheet under 37 CFR 1.76:	ariu supp ation-in-part		application No.:	u in a preimiliary amem	ment,			
Prior application information: Examiner: Group Art Uniformation OR DIVISIONAL APPS only: The entire disclosed Box 5b, is considered a part of the disclosure of the accompanying The incorporation can only be relied upon when a portion has been 19. CORE	sure of the continuati inadverter	on or divisional ap	plication and is here	by incorporated by referer				
Customer Number or Bar Code Label (Insert: Customer No.	020457 or Attach	bar code label here)	1200	ndence address below				
Name ANTONELLI, TERRY, STOUT & KR	AUS, LLP	• • • • • • • • • • • • • • • • • • • •						
Address			<u> </u>					
City	State		Zip Code					
Country Te	elephone	(703) 312-6600	Fax	(703) 312-6666				
Name Melyin Kraus		Registration No. (A		22,466				
Signature 144 MAL			Date	June 25, 2003				

Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL								Complete if Known								
18334	Γţ		ı	K	AN;	DIVII I	IAL		Application Number							
for EV 2002								Filing Date				June 25, 2003				
for FY 2003						Ī	First Named Inventor			TSUCHIYA	TSUCHIYAMA, Ryuji					
n Effective 01/01/2003. Patent fees are subject to annual revision						T.	xamin									
Applicant claims small entity status. See 37 CFR 1.27							Art Unit									
								Attorney Docket No. 500.42889X00					15.			
TOTAL AMOUNT OF PAYMENT (\$) 1,070.00								 								
METHOD OF PAYMENT (check all that apply)								₩	FEE CALCULATION (continued)							
☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None ☒ Deposit Account:						3. A	3. ADDITIONAL FEES									
						ļ	Large Entity		Small Entity							
Deposit Account Number 01-2135						Fee	Fee	Fee	Fee	Fac Dagge	m4: a		F D-14			
	•					Farme Staut	P. Kanasa I I D	Code	(\$)	Code	(\$)	Fee Descri	ption		Fee Paid	
	•					•	& Kraus, LLP	1051	130	2051	65	Surcharge – late filir	ng fee or oath			
The Commissioner authorized to: (check all that apply) ☐ Charge fees indicated below ☐ Credit any overpayments ☐ Charge any additional fee(s) during the pendency of this						1052	50	2052	25	Surcharge – late pro cover sheet	visional filing fee	or				
appl	ication	•			_			1053	130 .	1053	130	Non-English specific				
Charge fees indicated below, except for the filing fee						1812	2,520	1812		For filing a request f		nination				
to the above-identified deposit account.						1804	920*	1804	920*	Requesting publicati Examination action	on of SIR prior to					
FEE CALCULATION 1. BASIC FILING FEE							1805	1,840*	1805	1,840	*Requesting publicat Examiner action	ion of SIR after				
		Entity Fee	Small Fee		ty Fee Desc	ription	Fan Daid	1251	110	2251	55	Extension for reply v	vithin first month			
	Code	(\$).	Code	(\$)		-	Fee Paid	1252	410	2252	205	Extension for reply v	vithin second mor	th		
	1001	750			Utility filin	-	750.00	1253	930	2253	465	Extension for reply v	vithin third month			
	1002	330	2002			_		1254	1,450	2254	725	Extension for reply v	vithin fourth month	1		
	1003				Plant filing			1255	1,970	2255	985	Extension for reply v	vithin fifth month			
	1004	750	2004			_		1401	320	2401	160	Notice of Appeal				
	1005	160	2005	80	Provisiona	al filing fee	<u> </u>	1402	320	2402	160	Filing a brief in supp				
					SUBTO	OTAL (1)	750.00	1403	280	2403	140	Request for oral hea	_			
2. E	XTRA	CLAI	M FFFS FOR UTILITY AND REISSUE								eding					
Fee from						1452 1453	110	2452 2453	55 650	Petition to revive - u						
Extra Claims below Fee Paid				1501	1,300 1,300	2501	650 650	Petition to revive – u Utility issue fee (or re								
Total Claims 12 -20** = 0 x 18 = 0				1502	470	2502	235	Design issue fee	eissue)							
Inde		2	-3**	= 0	x 84	=	0	1503	630	2503	315	Plant issue fee				
	ple Depe	endent			28	0 =	280.00	1406	130	1460	130	Petitions to the Com	missioner			
								1807	50	1807	50	Processing fee unde				
Large		Entity			Entity			1806	180	1806	180	Submission of Inform		Stmt		
Fee Code 1202		Fee Code 2202	Fee (\$) 9			excess of 20		8021	40	8021	40	Recording each pate property (times number		r	40.00	
1201	84	2201	42		Independe	ent claims in e	excess of 3	1809	750	2809	375	Filing a submission a (37 CFR § 1.129(a))				
1203	280	2203	140		Multiple de	ependent clair	m, if not paid	1810	750	2810	375		each additional invention to be nined (37 CFR § 1.129(b))			
1204	84	2204	42			independent ginal patent	claims	1801	750	2801		Request for Continue	•	RCE)		
1205	18	2205	9			claims in exc	ess of 20	1802	900	1802		Request for expedite of a design application	uest for expedited examination design application			
and over original patent							Other	fee (spe	cify)							
**or r	umber p	previous	ly paid	l, if gr		TAL (2) \$ 2 Reissues, see		*Redu	ced by B	asic Fili	ng Fee I	Paid	SUBTOTAL	(3) (\$)	40.00	
SUB	MITTED	ву										Complete (if a		. ,,		
	<i>(</i> 0 · · · -		-	_	2 1	}			tion No.	-	T					
Name	e (Print/T	уре)	+-	MIG	e vin Krans	·/-	J	(Attorne	y/Agent)	-	<u> </u>	22,466	Telephone	703-312-	6600	
Signa	ature				Assile	nu	>						Date	June 25,	2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.